

Kevin T. FitzGerald, S.J., Ph.D, Ph.D.

Work: Dr. David P. Laufer Chair in Catholic Health Care Ethics
Research Associate Professor, Department of Oncology
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Birthdate: 6/10/55

Education:

- 2000: Ph.D. in Bioethics, Georgetown University, Washington, D.C.
(Dissertation Title: Ethical Analysis of Human Genetic Interventions:
A Response from Karl Rahner to the Need for Integrating Current
Scientific Knowledge into Philosophical Anthropologies)
- 1996: Ph.D. in Molecular Genetics, Georgetown University, Washington, D.C.
(Dissertation Title: Transcriptional Regulation of Lactase-Phlorizin
Hydrolase)
- 1988-1996 Doctoral studies at Georgetown University, Washington, D.C.
- 1985-1988: Master of Divinity, Jesuit School of Theology, Berkeley, CA.
- 1980-1982: Graduate studies: Philosophy and Human Genetics, Saint Louis University.
- 1979-1980: Humanities studies, Creighton University, Omaha, NE.
- 1977-1979: Ascetical studies, Saint Thomas College, St. Paul, MN.
- 1973-1977: B.A. in Biology, Cornell University, Ithaca, NY.

Professional Experience:

2000-2001: Assistant Professor, Neiswanger Institute for Bioethics and Health Policy,
Strick School of Medicine, and Department of Medicine, Loyola University Chicago,
Medical Center, Maywood, IL.

1996-1999: Research Associate, Division of Hematology/Oncology, Department of Medicine, and Medical Humanities Program, Loyola University Medical Center, Maywood, IL.

Professional Activities:

2004-current: DuPont Biotechnology Advisory Panel

2002-current: March of Dimes Bioethics Advisory Committee.

2002-current: Member, Board of Trustees, Loyola University, Chicago, IL.

2001-current: Advisory Committee Member, American Association for the Advancement of Science Program of Dialogue on Science, Ethics, and Religion, Washington, DC.

1999: Participant: American Association for the Advancement of Science Working Group on Human Stem Cell Research, Washington, DC.

1999: Member, Search Committee for Medical School Dean, Loyola University Medical Center.

1998-current: Board of Counsellors, Americans United for Life, Chicago, IL.

1997-current: Member, Board of Directors, Creighton University, Omaha, NE.

1992-2003: Ethics consultant to the National Society of Genetic Counselors.

1991-1992: Member, Search Committee for Nursing School Dean, Georgetown University.

1989-1991: Co-author, "Code of Ethics," National Society of Genetic Counselors.

Selected Publications:

Molecular Genetics

Kevin T. FitzGerald and Manuel O. Diaz, "*MLL2*: A New Mammalian Member of the *trx/MLL* Family of Genes." *Genomics* **59**, pp. 187-192 (1999).

FitzGerald, K.T., Bazar, L., Avigan, M.I., "GATA-6 stimulates a cell-line specific activation element in the human lactase promoter." The American Journal of Physiology, 1998 Feb., vol. 274(2 Pt1), pp. G314-G324.

Blancato, J. Kuzava, FitzGerald, K.T., George, J., Meck, J.M., "Validation of the use of the biotinylated X-chromosome specific probe (p5060B.5) for rapid sex determination in aminocytes and cultured villus cells." The American Journal of Human Genetics, Sept. 1990, 47:3 supp., p. A268.

Bioethics

"The Need for a Dynamic and Integrative Vision of the Human for the Ethics of Genetics," ed. Lisa Cahill, in press.

"Ethics of Genetic Engineering," in Dictionary of Bioethics and Sexology, ed. Giovanni Russo, in press (in Italian).

"Human Embryonic Stem Cell Research: Ethics in the Face of Uncertainty," in Stem Cell Research: New Frontiers in Science and Ethics, edited by Nancy Snow, Notre Dame University Press, 2003.

Baumiller RC, FitzGerald K and Meier TJ (2003) Code of ethical principles for genetics professionals. In: Cooper DN (ed.) Nature Encyclopedia of the Human Genome, vol. 1, pp. 846-848. London: Nature Publishing Group.

"UCA/Georgetown: dialogos de Bioetica," in Vida y Ethica, Instituto de Bioetica, Universidad Catolica Argentina, Ano 3, No. 2, Diciembre 2002 (in Spanish).

"Knowledge Without Wisdom: Human Genetic Engineering Without Religious Insight," Christian Bioethics, 2002, Vol. 8, No. 2, pp. 147-162.

Edmund D. Pellegrino, John Collins Harvey, and Kevin T. FitzGerald, S.J., "Must the Church be Mute Lest Its Truths be Distorted? A Response to Engelhardt," Christian Bioethics, 2002, Vol. 8, No. 1, pp. 43-47.

"Questions Concerning the Current Stem Cell Debate," The American Journal of Bioethics, Winter 2002, Vol. 2, No. 1, pp. 49-50.

Pellegrino ED, Kilner JF, FitzGerald KT, Bevington LK, Mitchell CB, Koop, CE, "Therapeutic cloning," New England Journal of Medicine, 14 Nov 2002, 347(20), pp. 1619-22.

"Knowledge and Wisdom: Human Genetic Interventions with Religious Insight," St. Thomas Law Review, Vol. 13, No. 4, pp. 913-925, Summer 2001.

"Cloning: Can it be Good for Us? An Overview of Cloning Technology and Its Moral Implications," The University of Toledo Law Review, Vol. 32, No. 3, pp. 327-336, Spring 2001.

"Philosophical Anthropologies and the HGP," in Controlling Our Destinies: The Human Genome Project from Historical, Philosophical, Social, and Ethical Perspectives, edited by Phillip R. Sloan; Notre Dame University Press, 2000.

"Biogenetics and Technology: How Will the Race be Won?" in The Genome: Plant, Animal, Human, edited by Robert Brungs and Marianne Postiglione; ITEST Faith/Science Press, St. Louis, MO, 2000.

"Proposals for Human Cloning: A Review and Ethical Evaluation," in Health Care Ethics: Critical Issues for the 21st Century, edited by John F. Monagle and David C. Thomasma; Gaithersburg, Maryland: Aspen Publishers, Inc., 1998.

"Human Cloning: Analysis and Evaluation," Cambridge Quarterly of Healthcare Ethics, vol. 7, no. 2, Spring 1998, pp. 218-222.

"Little Lamb Who Made Thee?," America, vol. 176, 3/29/97, p. 3.

Co-author, "Code of Ethics: Day-to-Day Applications," Journal of Genetic Counseling, September 1994, vol. 3, no. 3, pp. 245-262

Co-author, "An Explication of the National Society of Genetic Counselors (NSGC) Code of Ethics," Journal of Genetic Counseling, March 1992, vol. 1, no. 1, pp. 31-39.

Judith Benkendorf and Kevin FitzGerald, "Genetic Counseling for Addicted Obstetric Patients," Journal of Clinical Ethics, Summer 1990, vol. 1, no. 2, p. 156.

Teaching:

Georgetown University Medical School 2003 Fall semester ethics course section director.
Georgetown University 2002-2004: individual lectures in Human and Microbial Genetics (MICB 621), Cancer Genetics (TBIO 525), Genetics, Health, & Society in the 21st Century (TBIO 558), Tumor Biology I (TBIO 508), Principles and Practice of Molecular Therapy (TBIO 554), Genetics (BIOL 152), Medical Ethics (Medicine), Genetics in Health & Disease (Nursing), Kennedy Institute of Ethics Intensive Bioethics Course.

Georgetown University 2001-2002: individual lectures in Cancer Genetics (TBIO 525), Tumor Biology I (TBIO 508), Genetics in Health & Disease (Nursing), Kennedy Institute of Ethics Intensive Bioethics Course.

Elective course in "Ethical Issues in Medical Genetics" for third year medical students, Strich School of Medicine, Loyola University Medical Center, 1996-2000.

Lecturer for medical genetics sections of "Developmental Human Biology 1 and 2" for first and second year medical students, Strich School of Medicine, Loyola University Medical Center, 1996-2001.

Lecturer for genetics and ethics in "Research Ethics" course for biological sciences graduate students, Loyola University Medical Center, 1997-2001.

Selected presentations:

Molecular Genetics

"*MLL* and *MLL2*: Cancer, Evolution, and Chromatin," Life Sciences Departmental Lecture, Indiana State University, 4/18/00.

"*MLL*: Modeling Future Research in Cancer," Genetics Grand Rounds, Northwestern University Medical Center, 2/27/97.

"Identification of an activation element in the lactase promoter required for transcription in lactase producing cells," American Gastroenterological Association, San Francisco, CA, 5/21/96.

Poster presentation, "Regulation of the lactase promoter in Caco 2 cells," American Gastroenterological Association, San Diego, CA, 5/14/95.

Bioethics

"Ethical Considerations in Cancer Treatment and Research," *AFROC: Now More Than Ever*, Association of Free Standing Radiation Oncology Centers 16th Annual Conference, Washington, DC, 5/23/04.

"Crossing Species Boundaries: Promethean, Pandoran, or Just Plain Science?" *Walter C. Randall Lecture on Biomedical Ethics*, American Physiological Society, Federation of American Societies of Experimental Biology Annual Meeting, Washington, DC, 4/20/04.

“Bioengineering Humans,” *The 2004 Pope John XXIII Lecture*, University of the Pacific, Stockton, CA, 3/25/04.

“Clinical Genetics and Case Studies in Genetics,” *Ethics in Health Care: The Catholic Perspective Conference*, Loyola University Chicago Medical Center, Chicago, IL, 3/4/04.

“Who Owns Nature? Biotechnology, Ethics, and Theology,” *Humanities Symposium*, Viterbo University, La Crosse, WI, 2/4/04.

“The Impact of Human Genomic Medicine: Bright Horizons or Brave New World?” Penrose Hospital Medical Grand Rounds, Colorado Springs, CO, 1/15/04.

“The Science and Ethics of Cloning and Stem Cell Research,” 16th annual *Thomas Timothy Smith, M.D. Lecture*, Creighton University, Omaha, NE, 12/02/03.

“The Future of Human Genetics,” Institute of Medicine and Humanities, St. Patrick Hospital and Health Sciences Center, and the University of Montana, Missoula, MT, 11/03/03.

Panelist, “Impact of Human Origins Research on Public Understanding of the World,” *Paleoanthropology Seminar*, National History Museum, Smithsonian Institution, Washington, DC, 10/01/03.

Panelist, “Bioethics Roundtable: Exploration—Should There Be Limits?” *BIO 2003*, Biotechnology Industry Organization Annual Meeting, Washington, DC, 6/22/03.

Panelist, “Roundtable on Ethical Issues in Research with Human Stem Cells,” *First Annual Scientific Meeting and Exhibition*, International Society for Stem Cell Research, Washington, DC, 6/9/03.

“Ethical Issues in Human Embryonic Stem Cell Research: An Opposing View,” *Frontiers in Human Embryonic Stem Cells Symposium*, University of Pittsburgh Medical Center, Magee-Women’s Hospital, Pittsburgh, PA, 5/16/03.

Panelist, “Hey, Those Are My Genes! The Promise and Problems of Designer Medicine,” *Science in the Public Health*, NIH Staff Training in Extramural Programs, Bethesda, MD, 3/20/03.

Participant, *AAAS Workshop on Regulatory Issues Surrounding Human Cloning*, Washington, DC, 3/11/03.

“Pertinent Catholic Ethical Issues in Healthcare,” Avera Sacred Heart Hospital, Yankton, SD, 2/25/03.

"Genetics, Ethics, and Public Policy," *Benedictine Lecture Series*, Mount Marty College, Yankton, SD, 2/24/03.

Respondent and Panelist, *11th Annual World Day of the Sick*, sponsored by the Pontifical Council for Health Pastoral Care, Washington, DC, 2/10/03.

Presenter and Panelist, *Reproductive Genetics Policy: Framing the Issues*, Genetics & Public Policy Center, Johns Hopkins University, Washington, DC, 1/6/03.

"Will Human Genetic Engineering be Good for Us?" *Junior Science and Humanities Symposium*, Georgetown University, Washington, DC, 1/2/03.

"Finding Wisdom in an International Discussion about Human Genetic Engineering," *Bioethics in Multicultural Space: Locating Values and Translating Lessons*, International Academic Conference of Bioethics, Hunan Normal University, Changsha, China, 12/3/02.

"Ethical and Public Policy Issues in Stem Cell Research," *Conversations in Ethics*, INOVA Fair Oaks Hospital, Fairfax, VA, 11/21/02.

"Ethical Issues in Human Genetics," *Community Forums*, Bryn Mawr Presbyterian Church, Bryn Mawr, PA, 11/18/02.

"Stem Cell Research: a Catholic Response," Marion College, Fond du Lac, WI, 10/14/02.

"Why We Should Not Destroy Human Embryos," *Science, Ethics and the Law in Stem Cell Research*, Center for Medical Ethics, Education and Research, Albany Medical College, Albany, NY, 9/18/02.

"Medical Ethics and Genetic Research," *Zacharias Lecture*, Bon Secours St. Mary's Hospital, Richmond, Virginia, 9/9/02.

"Stem Cell Research," *11th Biannual Congress*, International Association of the Catholic Medical Schools, Mexico City, Mexico, 6/21/02

"A Catholic Perspective on Advances in Medical Genetics," St. Nicholas Hospital, Sheboygan, WI, 6/4/02.

"Defining Life," *First Annual Bioethics Forum*, BioPharmaceutical Technology Center, Madison, WI, 4/26/02.

"Human Genetic Engineering from a Catholic Perspective," *University Affiliation Lecture*, St. Paul's College, University of Manitoba, Winnipeg, Manitoba, 3/18/02.

“Human Genetic Engineering: A Catholic Moral Perspective,” *The Intercultural Forum*, Pope John Paul II Cultural Center, Washington, DC, 3/11/02.

Panelist, *The Future of Biology*, Innovations in Genetic Science Symposia Series, Museum of Science and Industry, Chicago, IL, 3/10/02.

Panelist, *Moral Status of the Human Embryo*, Pew Forum on Religion and Public Life, Washington, DC, 2/27/02.

“Genetics, Ethics and Public Policy: Redefining Health and Healthcare,” *Human Genetics: Ethics and Public Policy Affinity Group Lecture Series*, Brown University Medical School, Providence, RI, 2/21/02.

“Human Genetic Engineering: Can We Do It? Should We Do It?” University of Detroit Mercy, Detroit, MI, 1/22/02.

“Current and Future Issues in Bioethics,” *Science and Religion Project*, The United Church (UCC & UMC), Washington, DC, 1/13/02.

“Ethical Issues in Human Stem Cell Research: A Catholic Response,” The Catholic HealthCare Partnership of New Jersey, Clifton, NJ, 12/18/01.

“Human Embryonic Stem Cell Research: Ethics in the Face of Uncertainty,” *Stem Cell Research: New Frontiers in Science and Ethics*, Marquette University, Milwaukee, WI, 10/19/01.

Testimony before the Senate Committee on Health, Education, Labor and Pensions, *Stem Cell Research* hearing, Washington, DC, 9/5/01.

Workshop on “The New World of Genetics,” *17th Annual Avera Health Ethics Conference*, Sioux Falls, SD, 8/10/01.

“Arguments Against the Use of Embryonic Stem Cells,” *Stem Cells and the Future of Regenerative Medicine*, National Academy of Sciences and the National Research Council, Washington, DC, 6/22/01.

“Medical Genetics and Ethics,” Wheaton Franciscan Health System, Milwaukee, WI, 5/17/01.

Presenter and Panelist, “Ethical Issues in Human Stem Cell Research: Catholic and Jewish Responses,” St. Francis Hospital Clergy Institute, Evanston, IL, 5/14/01.

“Human Genetic Engineering and Religious Insight,” *Spring Outreach Lecture Series*, Faith-Justice Institute, St. Joseph’s University, Philadelphia, PA, 2/26/01.

“Knowledge and Wisdom: Human Genetic Interventions with Religious Insight,” *The New Genetics: Legal, Medical & Religious Perspectives*, Bioethics Symposium, St. Thomas University School of Law, Miami, FL, 2/9/01

“Ethical Issues in Human Genetic Engineering and Stem Cell Research,” Healthcare Ethics Session, Society of Christian Ethics Conference, Chicago, IL, 1/5/01.

“Ethical Issues in Reproductive Technology,” St. Francis Hospital, Ob/Gyn Grand Rounds, Evanston, IL, 10/20/00.

“Medical Genetics and Catholic Medical Ethics,” Resurrection Health Care System Workshop, Chicago, IL, 10/19/00.

Presenter and Participant, Evangelical Lutheran Church of America Cloning Consultation, Chicago, IL, 10/13-15/00.

“Will Stem Cell Technology Be Good for Us?” Catholic Medical Association 69th Annual Meeting, Pittsburgh, PA, 10/7/00.

“Advances in Medical Genetics: Toward a New Humankind or More Human Kindness?” Bioethics Colloquium, Georgetown University Center for Clinical Bioethics and the Metropolitan Washington Bioethics Network, Georgetown University, Washington, DC, 9/11/00.

Presenter and Participant, “Human Genome, Human Being—Discovering the Human Context for Genetic Technologies,” Peking University, Beijing, China, 5/24-25/00.

“The Race Towards Stem Cell Research: What Kind of Race are We Running?” Whitehead Institute Policy Symposium *Genes and Society: Impact of New Technologies on Law, Medicine, and Policy*, Massachusetts Institute of Technology, Cambridge, MA, 5/11/00.

“Beyond the Human Genome Project: Genetics and Ethics, Human Nature and Society,” Distinguished Speakers Symposium, Annual Clinical Genetics Meeting, Palm Springs, CA, 3/10/00.

Participant, “The Future of Stem Cells,” Student Science Court, Ethics Institute, Dartmouth University, 1/29/00.

"Will Human Genetic Manipulation Be Good For Us?" Science and Ethics Lecture Series, Creighton University, Omaha, NE, 12/7/99.

Kevin T. FitzGerald, S.J.

p. 10

"Stem Cell Research: Moral and Ethical Issues," Workshop on Stem Cell Research for the National Conference of Catholic Bishops, Washington, DC, 11/14/99.

"Knowledge Without Wisdom: Human Genetic Engineering Without Religious Insight," Conference on *Religious Belief at the Intersection of Bioethics and the 21st Century*, Santa Clara University, 11/5-6/99 (proceedings to be published).

Participant, "Dialogue on Stem Cell Research," Committee on Science and Human Values, United States Catholic Conference, Washington, DC, 9/10-12/99.

"Human Genetic Engineering: Should We Go Everywhere Science Can Take Us?" Department of Medicine, St. Mary's Medical Center, Milwaukee, WI, 4/22/99.

"The Brave New World of Reproductive Technology," National Conference of Catholic Bishops Pro-Life Convocation, Catholic University, Washington, DC, 3/5/99.

"Cloning Research and Cancer: Ethical Considerations," Chicago Medical Society 1999 Midwest Clinical Conference, Chicago, IL, 2/28/99.

"Applying Somatic Cell Nuclear Transfer to Humans: Science Continues to Raise the Ante on Ethics," Second Annual Congress on Mammalian Cloning: Implications for Science and Society, organized by BioConferences International, Inc., Washington, DC, 6/26/98.

"Human cloning: Science raises the ante on ethics," Society for Developmental Biology 57th Annual Meeting, Stanford University, Palo Alto, CA, 6/23/98.

"The Case for and Against Human Cloning," with Gregory Pence, Ph.D., Davis Lecture, Department of Medical Education, University of Illinois-Chicago Medical Center, 11/13/97.

Panelist, "Mammalian Cloning: Implications for Science and Society," Congress on Mammalian Cloning, organized by BioConferences International, Inc., Crystal City, VA, 6/26-27/97.

"Philosophical Anthropologies and the HGP," Historical, Social, Philosophical and Ethical Perspectives on the Human Genome Project--conference at University of Notre Dame, 10/5-8/95.

5/24/04